

**In the Specification**

Please amend the paragraph that appears on page 4, lines 1 to 8, as follows.

The above as well as additional objects, features, and advantages of the present invention will become apparent in the following detailed written description. In accordance with the present invention, in a performance monitor having plural performance monitor counters (PMC's) and at least ~~on~~ one monitor mode control register (MMCR), each PMC is controlled by the MMCR to pair or group the PMCs so that the overflow from one PMC can be directed to its pair/group. By coupling the PMCs so that overflow from one can be directed to another, the effective size of the counters can be increased.